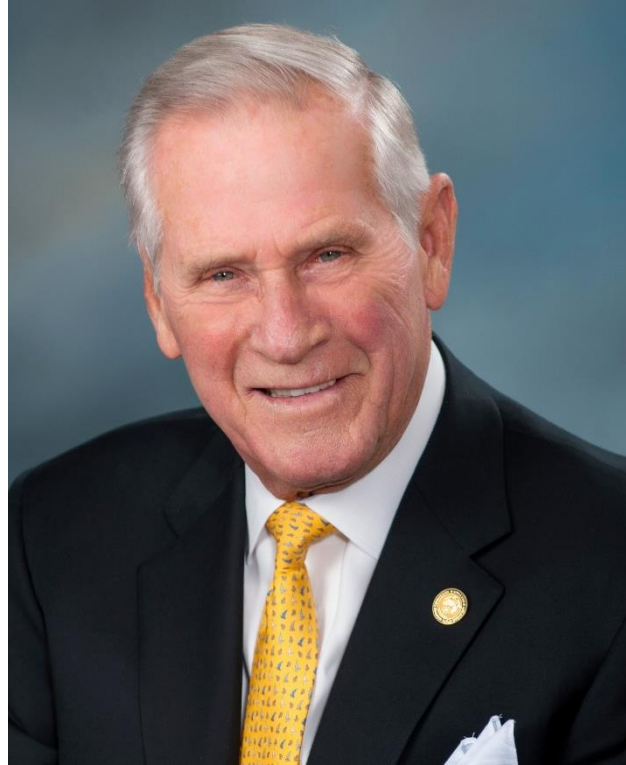




# Arkansas State Highway Commission Meeting

June 14, 2022



# **Remembering John Ed Regenold**

**Arkansas State Highway Commission 2005-2015**

01

## **Meeting Minutes of April 27, 2022**

02

## Consideration of Minute Orders

03

Updates

# State Highway Revenue

**Patrick Patton**

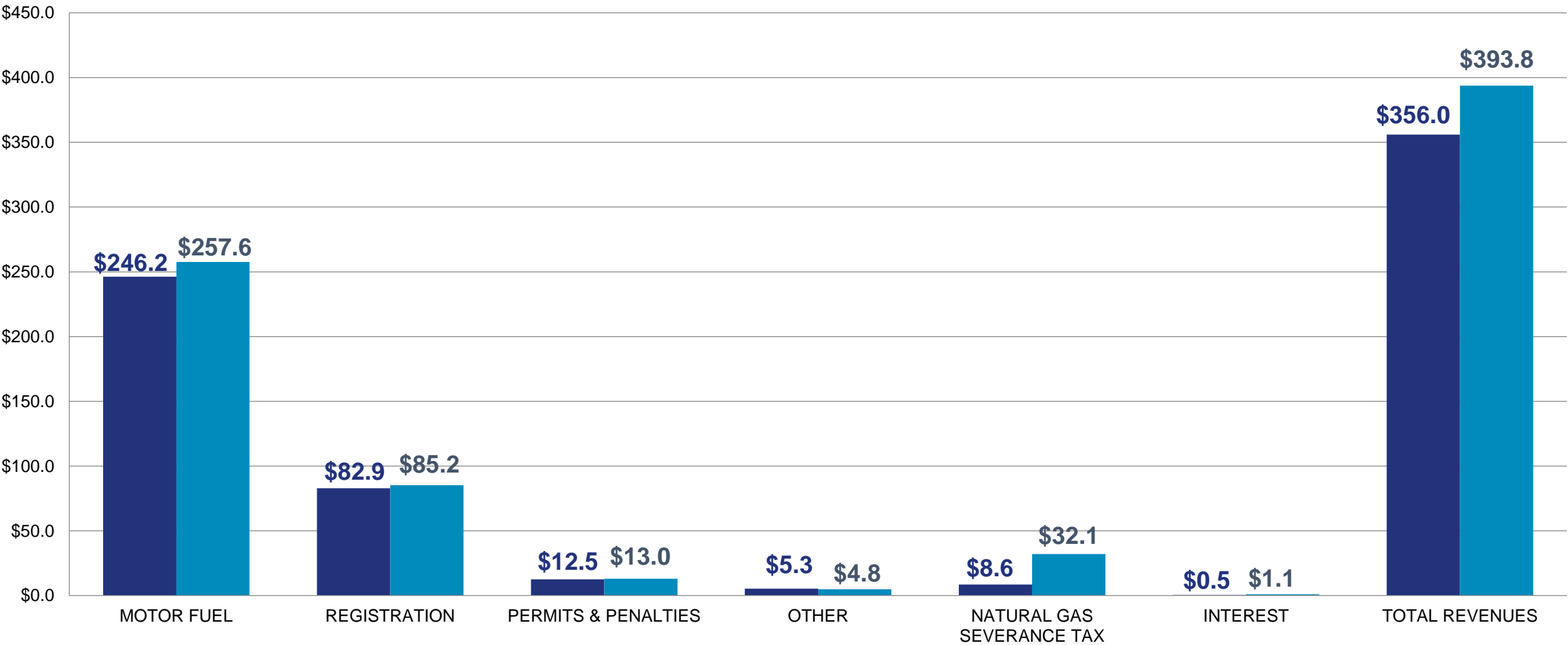
**Chief Fiscal Officer**

SFY 2021 vs. SFY 2022 Actual Revenue

April

FY 2021 FY 2022  
(MILLIONS)

VARIANCE	\$11.4	\$2.3	\$0.5	-\$0.5	\$23.5	\$0.6	\$37.8
% CHANGE	4.6%	2.8%	4.0%	-9.4%	273.3%	120.0%	10.6%



# SFY 2022 Budgeted vs. Actual Revenue

■ BUDGETED ■ ACTUAL

## April

(MILLIONS)

VARIANCE  
% CHANGE

\$5.2  
2.1%

\$2.2  
2.7%

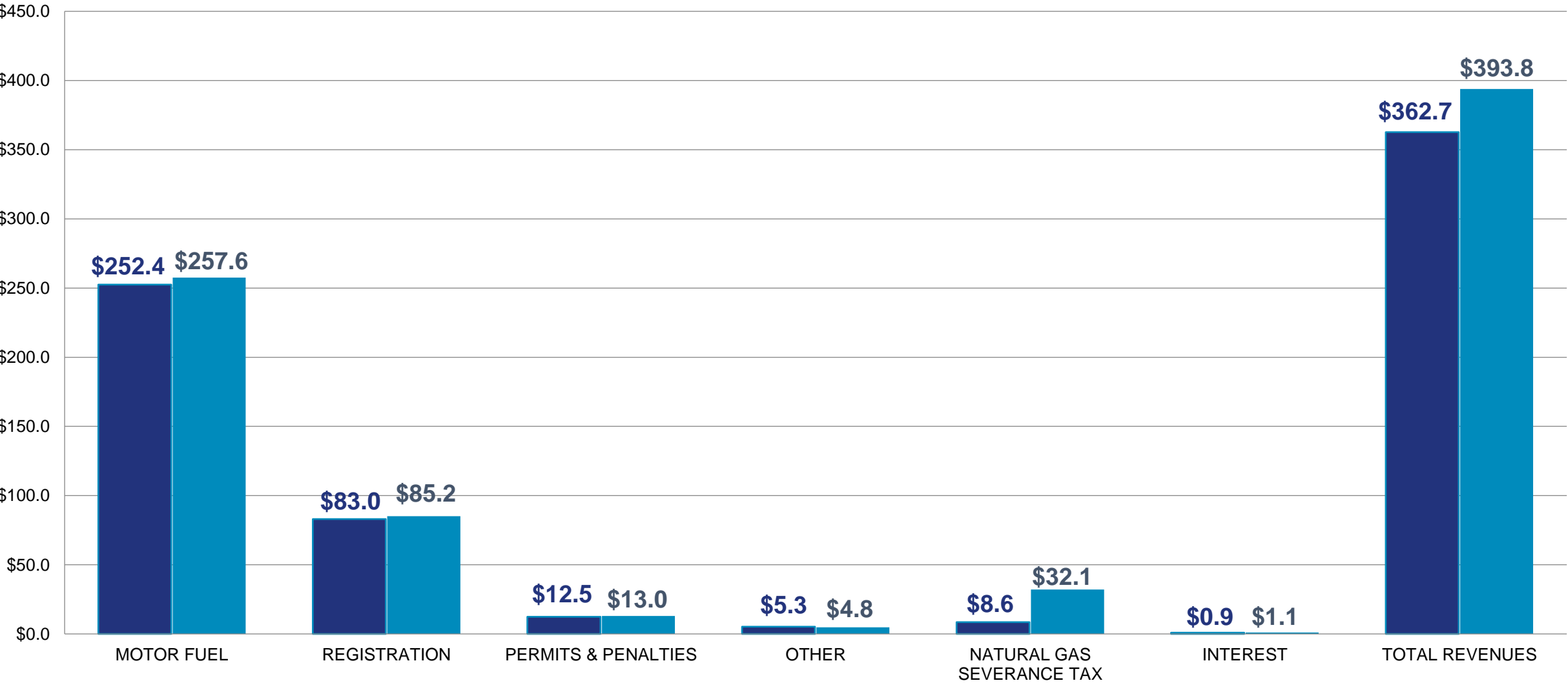
\$0.5  
4.0%

-\$0.5  
-9.4%

\$23.5  
273.3%

\$0.2  
22.2%

\$31.1  
8.6%





SFY 2021 vs. SFY 2022 Act 416 Actual Revenue

April

FY 2021 FY 2022  
(MILLIONS)

VARIANCE	\$1.6	\$0.0	\$0.0	\$1.6
% CHANGE	3.4%	0.0%	0.0%	3.3%



# SFY 2022 Budgeted vs. Act 416 Actual Revenue

## April

VARIANCE  
% CHANGE

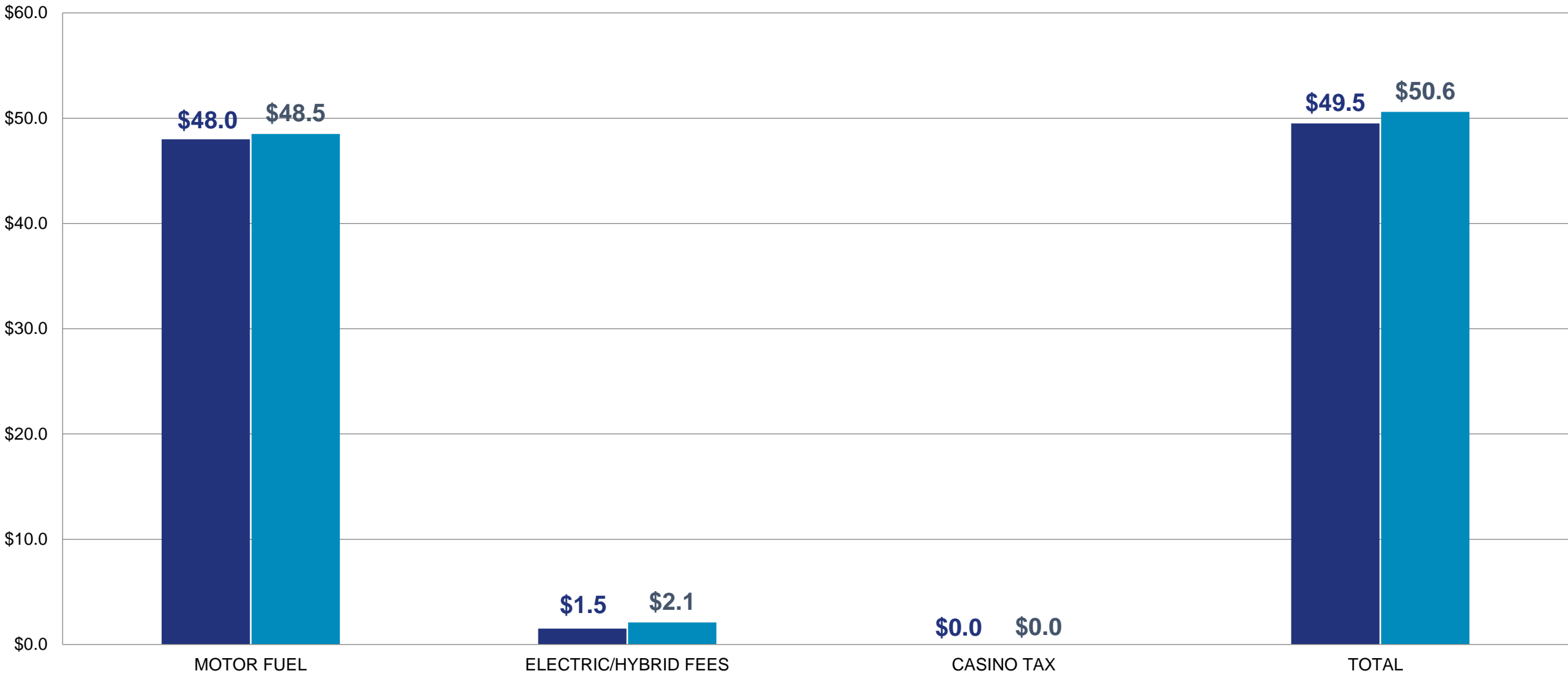
■ BUDGET ■ ACTUAL  
(MILLIONS)

\$0.5  
1.0%

\$0.6  
40.0%

\$0.0  
0.0%

\$1.1  
2.2%



# SFY 2021 vs. SFY 2022 Fuel Consumption

## April

FY 2021 FY 2022  
(MILLION GALLONS)

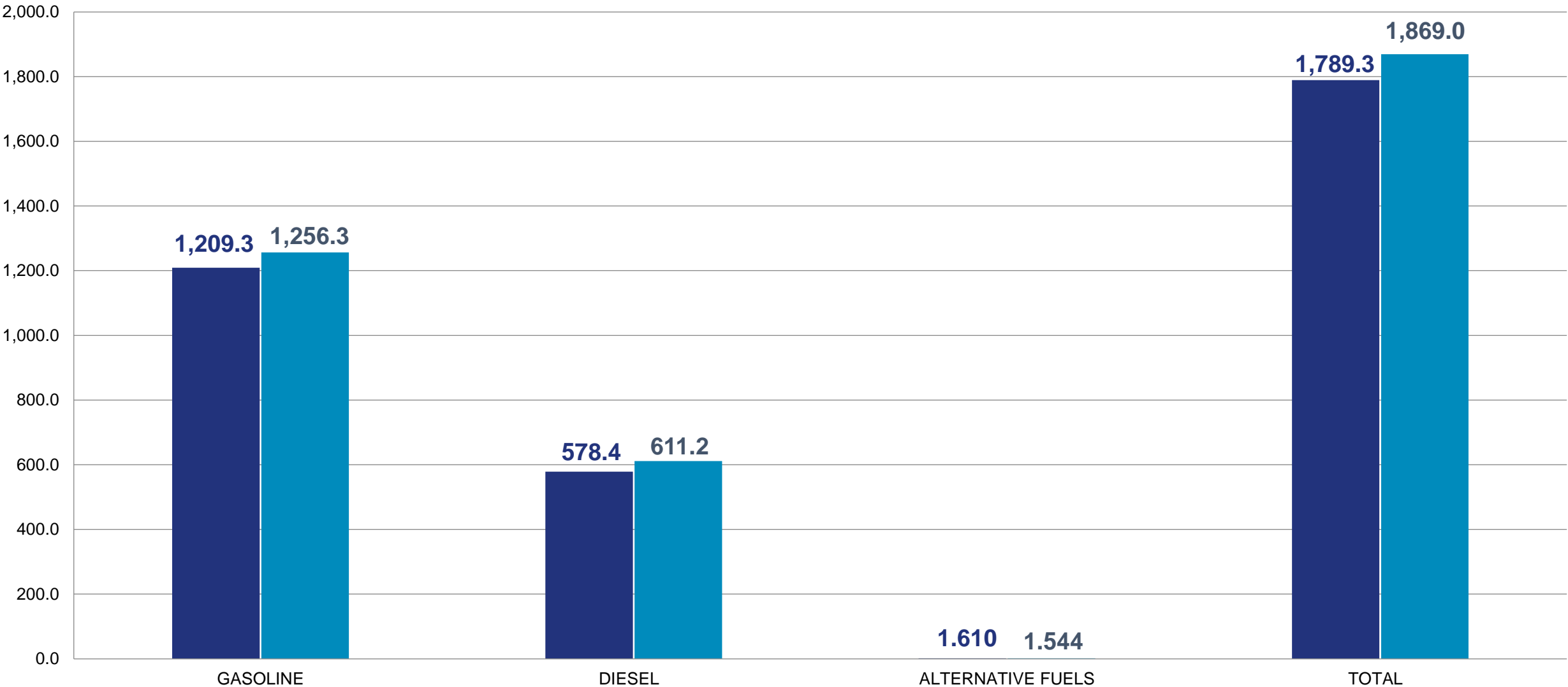
VARIANCE  
% CHANGE

47.0  
3.9%

32.8  
5.7%

-0.07  
-4.1%

79.7  
4.5%





# Arkansas Fuel Consumption

## ROLLING 12-MONTH COMPARISON

	Previous 12 Months (gallons)	Current 12 Months (gallons)	Variance
Gasoline	1,416,868,612	1,523,151,727	7.50%
Diesel	683,195,962	739,350,857	8.22%
Alternative	1,910,234	1,839,663	-3.69%
Total	2,101,974,808	2,264,342,247	7.72%

## STATE FISCAL YEAR

# 2022 Sales Tax

	Projected Net	Actual Receipts	Variance	Monthly Variance	Actual Variance
Jul	20,020,000	20,642,228	622,228	3.11%	3.11%
Aug	20,510,000	20,730,514	220,514	1.08%	2.08%
Sept	20,160,000	20,126,826	(33,174)	-0.16%	1.33%
Oct	19,600,000	20,496,438	896,438	4.57%	2.12%
Nov	19,180,000	20,069,204	889,204	4.64%	2.61%
Dec	20,720,000	21,682,195	962,195	4.64%	2.96%
Jan	20,440,000	21,660,221	1,220,221	5.97%	3.40%
Feb	18,550,000	18,199,993	(350,007)	-1.89%	2.78%
Mar	19,810,000	23,159,666	3,349,666	16.91%	4.35%
Apr	19,880,000	22,060,153	2,180,153	10.97%	5.01%
May					
Jun					
<b>Total</b>	<b>198,870,000</b>	<b>208,827,438</b>	<b>9,957,438</b>		



# Half-Cent Sales Tax

**Projected vs. Actual Since Inception**

Projected Net	Actual Receipts	Variance	Percent Variance
\$1,659,808,512	\$1,694,211,449	\$34,402,936	2.07%

# **Federal Highway and Transit Issues**

**Kevin Thornton**

**Assistant Chief - Administration**



# Infrastructure Investment and Jobs Act (IIJA)

IIJA spending authority for FFY 2022 expires on September 30, 2022

Only 3½ months until spending authority expires

Congress working to set top-line spending limits for FFY 2023

A Continuing Resolution is expected for FFY 2023





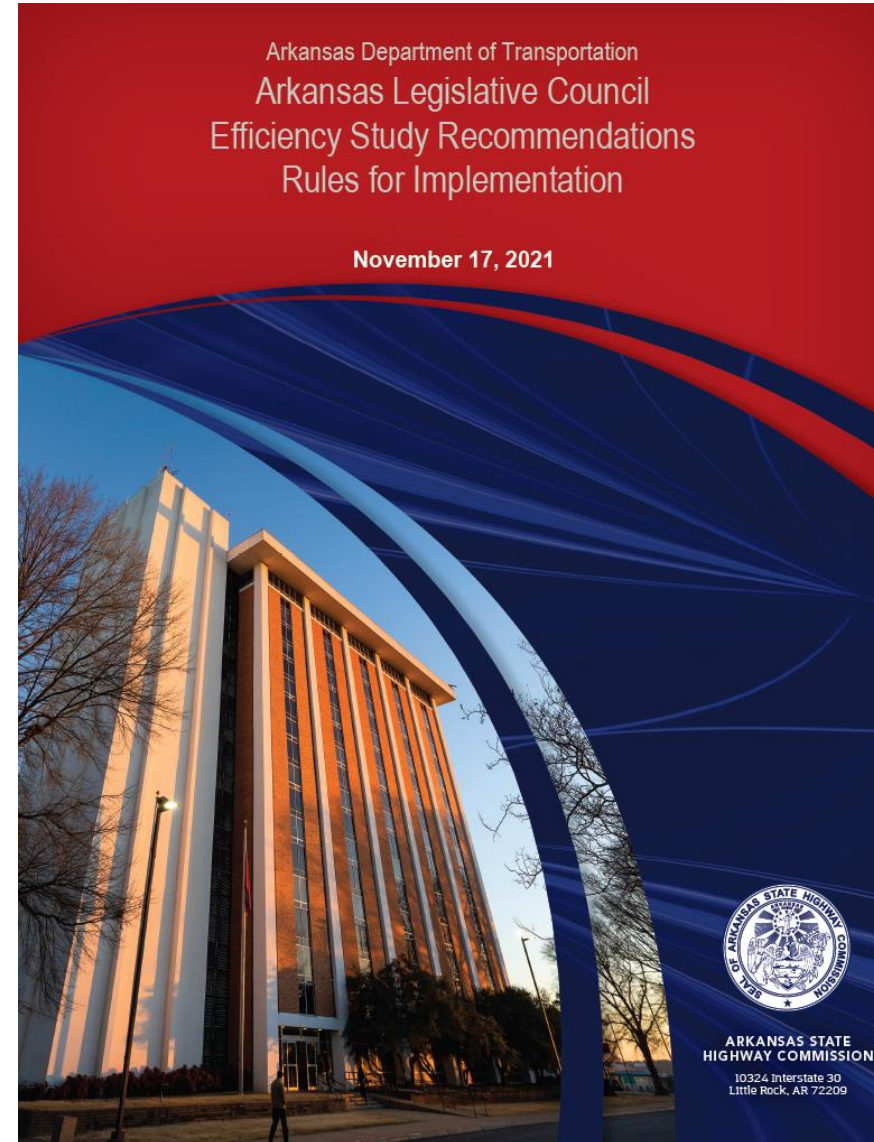
# 2022 Bridge Investment Program

- IIJA Competitive Grant Program
- \$2.36 Billion available in FFY 2022
- Three Categories
  - ✓ Planning Grants
  - ✓ Large Bridge Grants – Greater Than \$100 Million
  - ✓ All Other Bridge Grants – Less Than \$100 Million
- Focus Areas
- Eligible Agencies



# **Efficiency Review Recommendation Implementation**

# Arkansas Legislative Council Efficiency Study Recommendations



# Recent Department Activities

# Construction Team Development Workshop



May 3<sup>rd</sup>  
Benton, AR





# Mike Beebe Scenic Overlook & Boat Ramp Dedication

May 4<sup>th</sup>

Arkansas City, AR



KARK.COM

**Following missed I-40 bridge crack, ARDOT turns to drones to build a bridge to safer future**

# I-40 Bridge 1-Year Anniversary

May 11<sup>th</sup>

Local news outlets





Across

**KARK 4**  
10:20 | 80°

**KARK-TV** LOCAL NEWS THAT MATTERS





# Highway 18 Ribbon- Cutting

May 20<sup>th</sup>

Jonesboro, AR





# Highway 412 Ribbon- Cutting

May 20<sup>th</sup>

Paragould, AR





# TRC Conference & Equipment Expo

May 24<sup>th</sup>

Hot Springs, AR



# Slow Down, Phone Down Commercial Campaign

June 1<sup>st</sup>

Statewide













04

# Strategic Highway Safety Plan

Jared Wiley, P.E.





# ARKANSAS

## STRATEGIC HIGHWAY SAFETY PLAN

**TOWARD  
ZERO  
DEATHS**



*One is too many.*



2022–2027

**AR DOT**  
ARKANSAS DEPARTMENT  
OF TRANSPORTATION



## EDUCATION

- Educators
- Advocacy Groups
- Prevention Specialists
- Communication Professionals
- Marketing
- Universities



## ENFORCEMENT

- State and Local Law Enforcement Agencies
- Department of Motor Vehicles
- Law Enforcement Associations
- Court System



## ENGINEERING

- Highway Design
- Traffic
- Maintenance
- Operations
- Planning and Policy



## EMERGENCY SERVICES

- First Responders
- Paramedics
- Fire and Rescue
- Aging and Elderly Services





## SAFE ROAD USERS

- Occupant Protection
- Older Drivers
- Younger Drivers
- Impaired Driving
- Distracted Driving
- Non-Motorists

## SAFE VEHICLES

- Large Commercial Motor Vehicles
- Motorcycles
- Connected and Automated Vehicles

## SAFE ROADS AND SAFE SPEEDS

- Roadway Departure
- Intersections
- Speeding and Aggressive Driving

## POST-CRASH CARE

- Emergency Services and Incident Management
- Traffic Records and Data Analysis





OBJECTIVE

**REDUCE  
ROADWAY  
DEPARTURE**

*fatalities and  
serious injuries*

*by*  
**2%** annually.

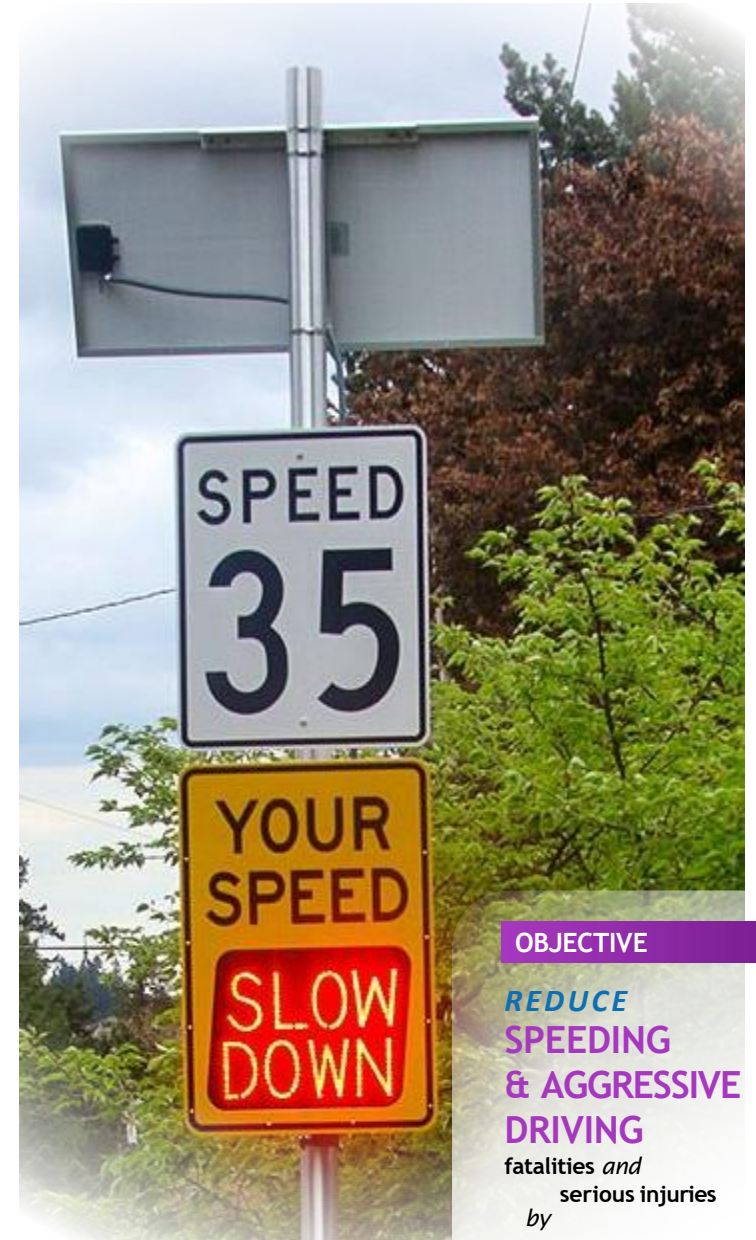


OBJECTIVE

**REDUCE  
INTERSECTION**

*fatalities and  
serious injuries*

*by*  
**2%** annually.



OBJECTIVE

**REDUCE  
SPEEDING  
& AGGRESSIVE  
DRIVING**

*fatalities and  
serious injuries*

*by*  
**2%** annually.



**TOWARD  
ZERO  
DEATHS**

*One is too many.*



**SLOW DOWN  
PHONE DOWN**  
in work zones

## RUMBLE STRIPS

A Safety Tool to Prevent Crashes

### WHAT IS A RUMBLE STRIP?

Rumble strips are grooves or rows of indents in the pavement and audible rumbling, transmitted through the wheels into strips are used to grab a driver's attention through vibration that they are leaving the travel lane.

### WARNING DRIVERS

Rumble strips are an effective countermeasure for this relatively low cost engineering treatment of vibration and noise created when a vehicle's tires

### ROADWAY DEPARTURE

A roadway departure crash is a crash where a vehicle leaves the roadway. The types of crashes include: crossing a median, ran-off-road, or hitting a fixed object.

### BY THE NUMBERS

Roadway departure crashes account for over 70% of all traffic fatalities in Arkansas. Reducing the frequency of this type of crash is a primary emphasis area in the current Arkansas Strategic Highway Safety Plan (ASHSP). Low light conditions or heavy rainfall can reduce roadway visibility for drivers, especially older drivers. Based on a recent analysis of fatal and serious injury crashes on the state highway system:

- 32%** OCCUR AT NIGHT
- 15%** OCCUR ON WET PAVEMENT
- 5%** OCCUR AT NIGHT ON WET PAVEMENT

### HISTORY

- ArkDOT has been using Raised Pavement Markers (RPMs) to help drivers navigate during low-light visibility on select highways for decades.
- ArkDOT started using Federal-aid Safety funding to install RPMs on the Arkansas Primary Highway Network (APHN) in 2018.
- Research has determined that the benefits of installing RPMs outweigh the cost to install them by **more than 50 to 1**.
- Following the implementation of the successful RPM projects on the APHN, ArkDOT started installing them on the entire state highway system annually in 2021.

### BENEFITS

- RPMs provide **enhanced retroreflectivity**, which provides guidance at night and during adverse weather conditions.
- RPMs have been **widely applied** by highway agencies across the country to improve safety, mobility, and visibility.
- Due to wear and tear, it is expected that RPMs last less than two years after installation. RPMs will be **installed annually** on centerlines of two-lane highways and centerlines and lane lines of multi-lane highways. On occasion, they may also be installed on edge lines, traffic islands, pavement arrows, exit ramps, construction zones, curves, intersections, etc.
- The implementation of this countermeasure is a great step in achieving ArkDOT's mission to provide **safe transportation solutions** and moving **Toward Zero Deaths**.
- RPMs are **cost-effective to install**. Based on the latest average prices, it costs about \$220 to install RPMs on one mile of a two-lane highway.
- The cost to install RPMs on the entire state highway system annually is less than the Federal Highway Administration's estimate for the societal cost of one fatal crash.

## RAISED PAVEMENT MARKERS

**<\$5 MILLION**  
ANNUAL COST TO INSTALL RPMs ON ALL STATE HIGHWAYS

**RPMs ARE INSTALLED Every 80 Feet**

### RPMs IN CONSTRUCTION CONTRACTS

Average prices per RPM have dropped significantly since 2017 due to the larger quantities being installed each year.

Year	Quantity
2017	77,000 RPMs
2018	87,000 RPMs
2019	537,000 RPMs
2020	632,000 RPMs
2021	1,237,000 RPMs

ArkDOT's Qualified Products List includes the following approved Raised Pavement Markers:

- APEX UNIVERSAL, INC. MODEL 821AR
- 3M MODEL 290 SERIES
- ERMS FLEET, INC. STYROBRITE 200

**ArkDOT**  
ARKANSAS DEPARTMENT OF TRANSPORTATION  
Transportation Planning & Policy Division  
Traffic Safety Section  
TPPD@ardot.gov  
January 2022

# Safety Partners

Arkansas Department of Finance and Administration

Arkansas Department of Transportation

Arkansas Highway Safety Office

Arkansas Department of Health

Arkansas Children's Hospital Injury Prevention Center

Arkansas Department of Public Safety

Arkansas Foundation for Medical Care

Arkansas State Police

Federal Highway Administration

National Highway Traffic Safety Administration

Arkansas Sheriff Association

Arkansas Governor's Office

Association of Arkansas Counties

Federal Motor Carrier Safety Association (FMCSA)

Arkansas Administrative Office of the Courts

Associated General Contractors of Arkansas (AGC Arkansas),

Arkansas Trucking Association

Arkansas Association of Chiefs of Police

Arkansas Rehabilitation Services (ARS)

Arkansas Municipal League

Northeast Arkansas Regional Transportation Planning  
Commission

Metroplan

Frontier Metropolitan Planning Organization

Northwest Arkansas Regional Planning Commission

Southeast Arkansas Regional Planning Commission

Texarkana Metropolitan Planning Organization

Tri-Lakes Metropolitan Planning Organization

West Memphis Metropolitan Planning Organization

City of Little Rock

East Arkansas Planning and Development District

Bicycle Advocacy of Central Arkansas

North West Arkansas Regional Planning Commission (NWARPC)

Pulaski County Sheriff's Office

Southeast Arkansas Regional Planning Commission

West Central Arkansas Planning and Development District

AARP

**05**

**Consultant Selection  
On-Call Surveying Services  
(2023 – 2026)**

# On-Call Surveying Services Recommendations (2023 – 2026)

- ✓ CEI Engineering Associates, Inc. – Bentonville, AR;
- ✓ Consolidated Land Services, Inc. – Mountain Home, AR;
- ✓ Crafton, Tull & Associates, Inc. – Rogers, AR;
- ✓ Garver, LLC – North Little Rock, AR;
- ✓ Halff Associates, Inc. – Little Rock, AR;
- ✓ Jacobs Engineering Group, Inc. – Little Rock, AR;
- ✓ Maptech, Inc. – Jackson, MS;
- ✓ McClelland Consulting Engineers, Inc. – Fayetteville, AR;
- ✓ Michael Baker International, Inc. – Little Rock, AR;
- ✓ NTB Associates, Inc. – Shreveport, LA;
- ✓ Pickering Firm, Inc. – Jonesboro, AR; and
- ✓ Rasburry Surveying, LLC – Benton, AR.





**06**

**Proposed 2022 – 2023  
Operating Budget**

**Randy Ort**

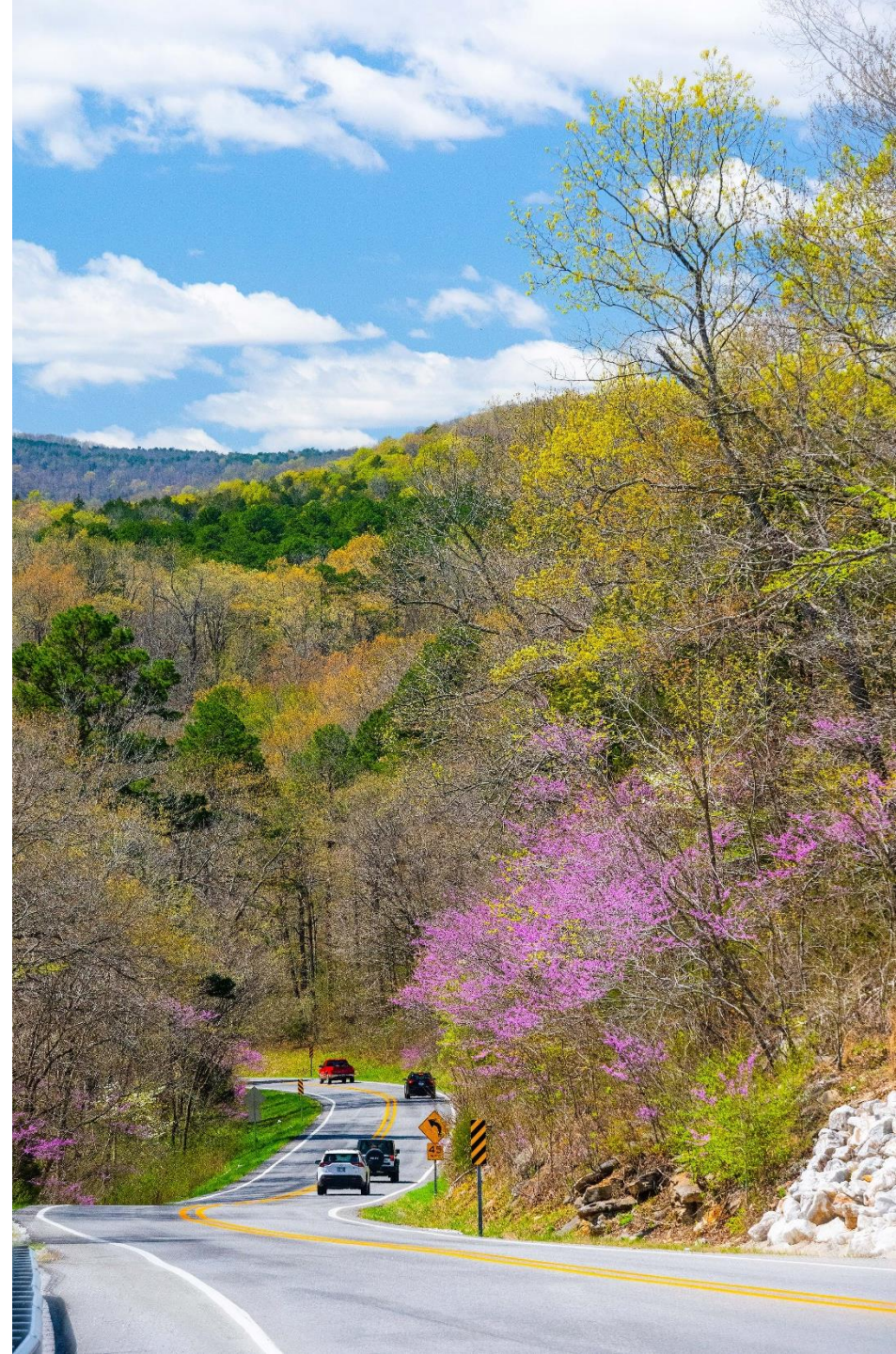
**Deputy Director and Chief Operating Officer**

# Proposed Operational Budget

Category	Budget Amounts		SFY 2023 vs SFY 2022	
	SFY 2023	SFY 2022	Difference	Percent Change
	(millions)			
Salaries Overtime Payroll Additives	\$ 286.2	\$ 259.8	\$ 26.4	10.2%
Operating Expenses	\$ 164.4	\$ 156.0	\$ 8.4	5.4%
Totals	\$ 450.6	\$ 415.8	\$ 34.8	8.4%

# Salary Highlights

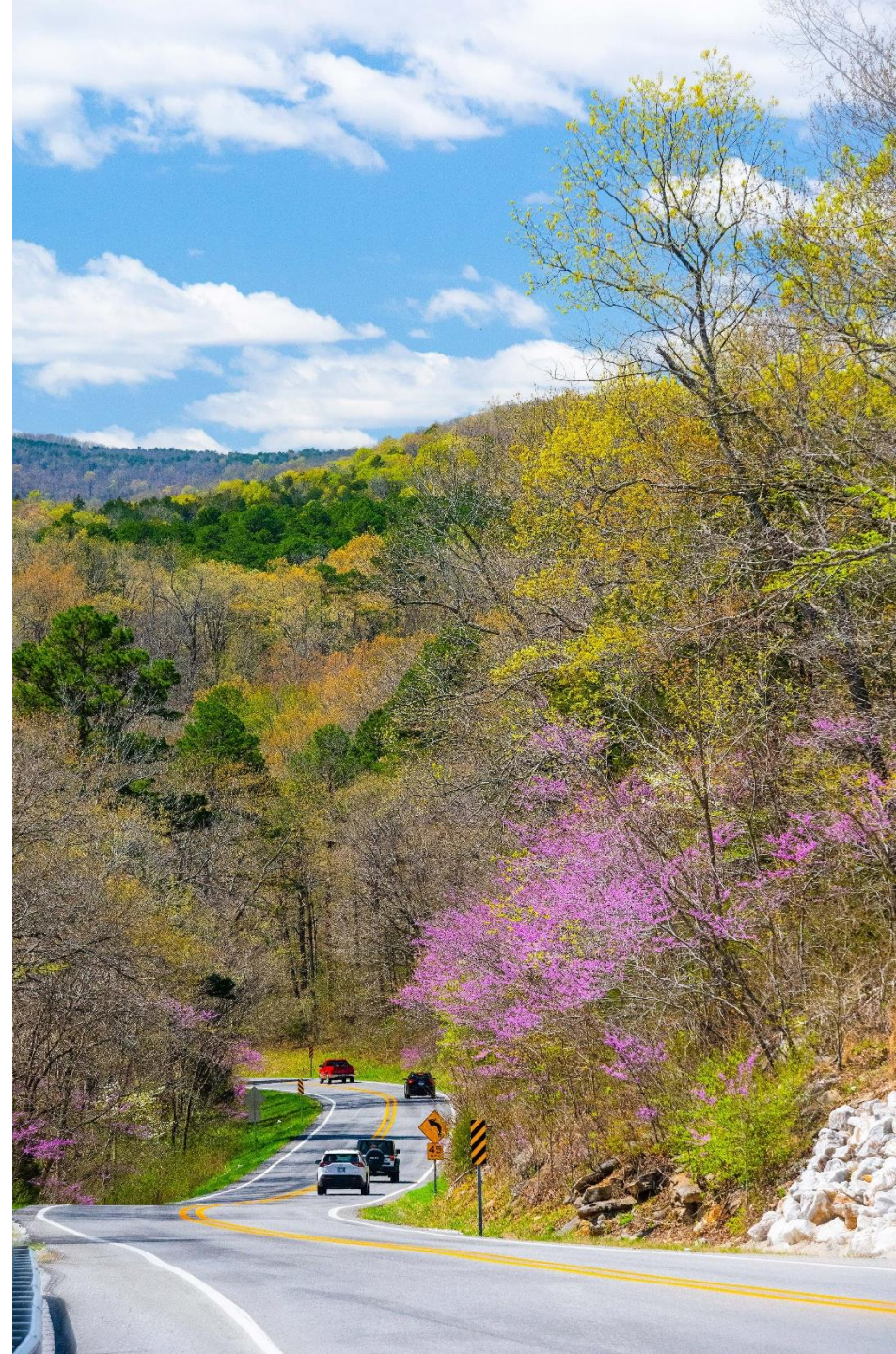
- Increase in number of positions to provide career ladders and opportunities and to help the Department meet our operational needs.
- \$2,000 bonus to each full-time Arkansas Highway Police Officer.
- \$9.3 million for Achieving Career Excellence (ACE) increase (average of 5.00% per employee).





# Operational Highlights

- Increase in District Maintenance Budget by 2%.
- \$3.5 million increase for Information Technology Budget to implement new programs such as the Maintenance Management System (MMS), enhancements to AASHTOWare Project software, Realtime Pavement Monitoring, and other systems.
- \$2 million increase for Inclement Weather Reserve to replenish salt reserves.



# Proposed Operational Budget

Source	Amount (millions)
Traditional Revenue	\$ 463.3
Act 1 of 2016 Revenue	\$ 20.0
Act 1058 of 2021 Revenue	\$ 50.0
Act 416 of 2019 Revenue	\$ 96.1
<b>Total of Projected Revenue</b>	<b>\$ 629.4</b>
<b>State Funds Committed in Operational Budget</b>	<b>\$ 411.0</b>
<b>Projected State Funds Available For Federal Match</b>	<b>\$ 218.4</b>

# Proposed Operational Budget

Budget Section	Salaries, Overtime, and Payroll Additives	Operating Expenses	Total	Less Federal Portion	State Funds
	(Millions)				
Director	\$ 28.7	\$ 5.4	\$ 34.1	\$ 0.9	\$ 33.2
AC - Administration	\$ 15.1	\$ 17.1	\$ 32.2	\$ 0.1	\$ 32.1
ACE - Planning	\$ 25.2	\$ 2.4	\$ 27.6	\$ 11.2	\$ 16.4
ACE - Design	\$ 19.4	\$ 0.6	\$ 20.0	\$ 4.4	\$ 15.6
ACE - Operations	\$ 195.8	\$ 93.2	\$ 289.0	\$ 22.4	\$ 266.6
Capital Outlay	\$ 0.0	\$ 28.7	\$ 28.7	\$ 0.6	\$ 28.1
Special Allotments	\$ 2.0	\$ 17.0	\$ 19.0	\$ 0.0	\$ 19.0
Totals	\$286.2	\$ 164.4	\$ 450.6	\$ 39.6	\$ 411.0



# Proposed Operational Budget

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07

## Upcoming Events



## UPCOMING

# Events

### JUNE 15

**FHWA Panel Discussion**  
**Vivien Hoang – Director Tudor**  
8:30 a.m. – (Zoom)

### JUNE 15

**Kiwanis Club of Jonesboro**  
**Vice-Chairman Farmer**  
Noon – Jonesboro, AR

### JUNE 16

**Jonesboro University Rotary Club**  
**Vice-Chairman Farmer**  
7:30 a.m. – Jonesboro, AR

### JUNE 16

**HCRAS**  
**Director Tudor**  
3 p.m. – State Capitol

### JUNE 17

**Infrastructure & Energy**  
**Subcommittee**  
**Future Mobility Council**  
10 a.m. – (Zoom)

### JUNE 20

**Osage Creek Bridge**  
**Ribbon Cutting**  
**Director Tudor**  
11 a.m. – Siloam Springs, AR

### JUNE 22

**CAP Corridor Project**  
**Ribbon Cutting**  
11 a.m. – Fordyce, AR



UPCOMING

# Events

**JUNE 22**

**Highway 167 Ribbon Cutting  
(Fordyce – El Dorado)**

**Director Tudor**

10 a.m. – Fordyce, AR

**JUNE 23**

**Statewide ROADEO Finals  
Director Tudor**

Equipment and Procurement  
8 a.m. – Little Rock, AR

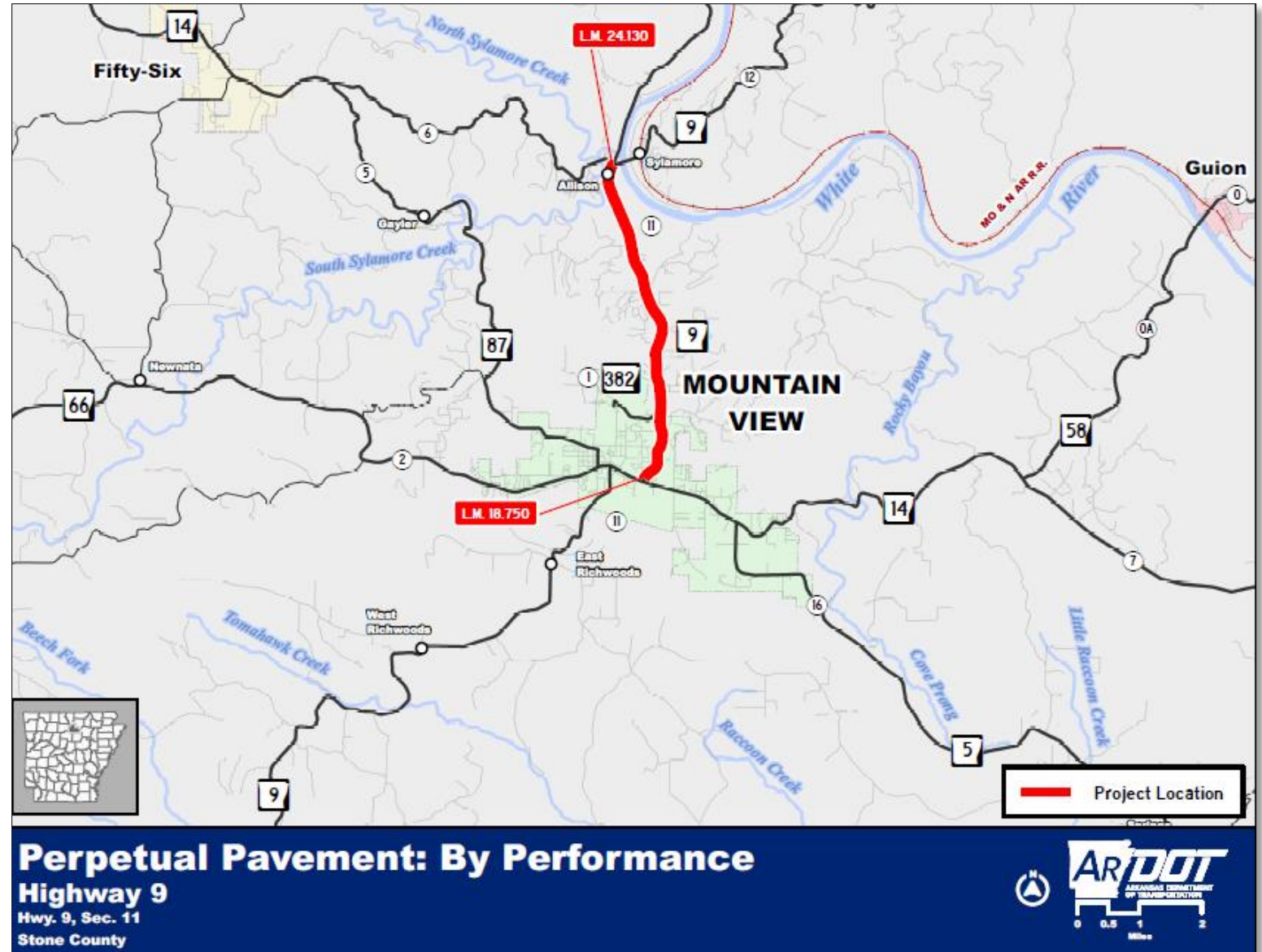
**JULY 13 - 14**

**Good Roads  
I-49 Policy Meeting**

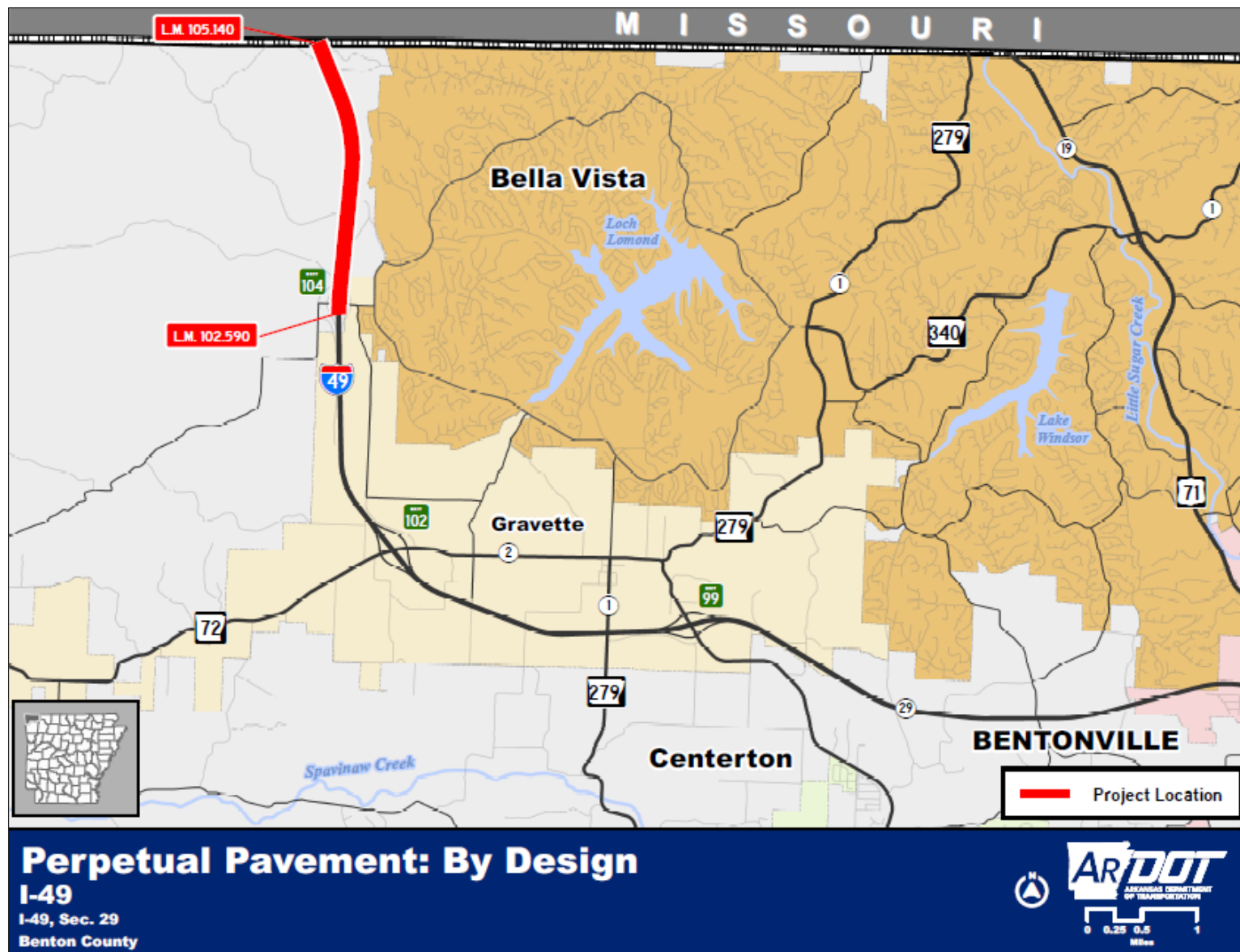
**Arkansas Highway Commission/ Director Tudor  
Ft. Smith, AR**

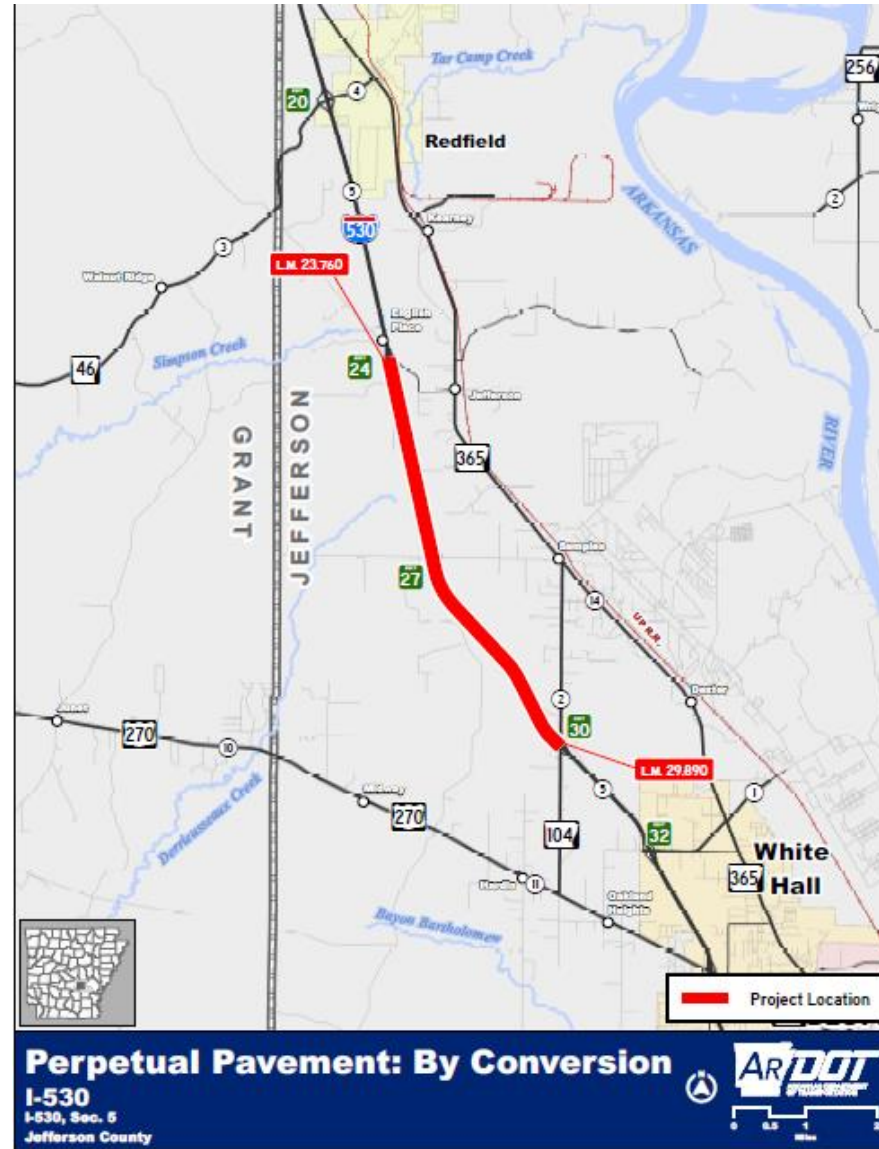
08

**Other Business and Discussion**











# Arkansas State Highway Commission Meeting

June 14, 2022